Montana Board of Oil and Gas Conservation Environmental Assessment

Operator: KeeSun Corporation
Well Name/Number: Sharman 16-32
Location: SE SE Section 32 T33N R4W
County: Toole MT; Field (or Wildcat) Wildcat
A in Overlies
Air Quality (possible concerns)
Long drilling time: No, 3 to 4 days drilling time.
Unusually deep drilling (high horsepower rig): No, small single derrick drilling rig, about
500 HP (Estimated) to drill to 2900' TD.
Possible H2S gas production: No, no H2S anticipated.
In/near Class I air quality area: No not in a Class I air quality area.
Air quality permit for flaring/venting (if productive): Yes, DEQ air quality permit required
under 75-2-211.
Mitigation:
X Air quality permit (AQB review)
Gas plants/pipelines available for sour gas
Special equipment/procedures requirements
Other:
Comments: No special concerns – using small rig to drill to 2900' TD.
Water Quality
(possible concerns)
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Soils/Vegetation/Land Use

(possible concerns)

Steam crossings: No, stream crossings anticipated.
High erosion potential: No, small cut, up to 2.5' and small fill, up to 0.1', required.
Loss of soil productivity: No, location will be restored after drilling, if nonproductive. If
productive unused portion of drillsite will be reclaimed.
Unusually large wellsite: No, 200'X200' location size required.
Damage to improvements: Slight, surface use is a cultivated land.
Conflict with existing land use/values: Slight
Mitigation
Avoid improvements (topographic tolerance)
Exception location requested
X Stockpile topsoil
Stream Crossing Permit (other agency review)
X Reclaim unused part of wellsite if productive
Special construction methods to enhance reclamation
Other
Comments: Access will be over existing county gravel road, Ethridge Road and
existing two track ranch trail. About ¼ of a mile of new access will be built into this
location from the existing ranch trail. Cuttings will be buried in and unlined earthen pit.
Drilling fluids if used will be allowed to dry in the pit. Pits will be backfilled after drying.
No special concerns.
No special concerns.
Health Hazards/Noise
(possible concerns)
Proximity to public facilities/residences: No residences within 1 mile from this location.
The town of Ethridge, Montana is about 1.5 miles to the southeast from this location.
Possibility of H2S: No H2S antcipated.
Size of rig/length of drilling time: Small drilling rig/short 3 to 4 days drilling time.
Mitigation:
X Proper BOP equipment
Topographic sound barriers
H2S contingency and/or evacuation plan
Special equipment/procedures requirements
Other:
Comments: Adequate surface casing and operational BOP should mitigate any
problems. No concerns
problems. No concerns
Wildlife/recreation
(possible concerns)
Proximity to sensitive wildlife areas (DFWP identified): None identified.
Proximity to sensitive whalle areas (b) will identified). None identified.
Creation of new access to wildlife habitat: No
Conflict with game range/refuge management: No
Threatened or endangered Species: Only species identified as threatened or
endangered is the Black-footed Ferret.
Mitigation:
Avoidance (topographic tolerance/exception)
Other agency review (DFWP, federal agencies, DSL)
Screening/fencing of pits, drillsite
Other:

Comments: Private surface grassland. No concerns

Historical/Cultural/Paleontological
(possible concerns)

(possible concerns)
Proximity to known sites: None identified
Mitigation
avoidance (topographic tolerance, location exception)
other agency review (SHPO, DSL, federal agencies)
Other: Comments: Private surface lands, grasslands. No concerns.
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Social/Economic
(possible concerns)
Substantial effect on tax base
Create demand for new governmental services
Population increase or relocation
Comments: No concerns.
Remarks or Special Concerns for this site
Well is a 2900' Rierdon Formation test.
Well is a 2900 interdoff formation test.
Summary: Evaluation of Impacts and Cumulative effects
No long term impacts expected. Some short term impacts will occur, but can be
mitigaed.
I conclude that the approval of the subject Notice of Intent to Drill (does/ <u>does not</u>) constitute a major action of state government significantly affecting the quality of the human environment, and (does/ <u>does not</u>) require the preparation of an environmental impact statement.
Drangrad by (BOCC): /a/ Stoven Sagaki
Prepared by (BOGC): /s/ Steven Sasaki
(title:) Chief Field Inspector
Date: May 20, 2010
Other Persons Contacted:
Montana Bureau of Mines and Geology, GWIC website
(Name and Agency)
Toole County water wells.
(subject discussed)
_May 20, 2010
(date)

US Fish and Wildlife, Region 6 website

(Name and Agency)
ENDANGERED, THREATENED, PROPOSED AND CANDIDATE SPECIES
MONTANA COUNTIES, Toole County
(subject discussed)
May 20, 2010
(date)
If location was inspected before permit approval:
Inspection date:
Inspector:
Others present during inspection: